



RECEIVED

MAY 21 2002

Approved for use through 10/31/2002. GPO: 0-051-0031
U. S. Patent and Trademark Office, U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1 Attorney Docket Number 714.001/10108288

Complete if Known

Application Number	09/973,792
Filing Date	October 11, 2001
First Named Inventor	Efraim Berkovich
Art Unit	2133
Examiner Name	Not Yet Assigned
Attorney Docket Number	714.001/10108288

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AA	4,414,667		11/08/1983	Bennett	
AB	5,968,199		10/19/1999	Khayrallah et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CA		Balakirsky, V.; "Hashing of Databases Based on Indirect Observations of Hamming Distances", <i>IEEE Transactions on Information Theory</i> , vol. 42, no 2, pp. 664-671 (3/1996)	
CB		Berkovich, S., et al., "Reversing the Error-Correction Scheme for a Fault-Tolerant Indexing," <i>The Computer Jour.</i> , vol. 43, no. 1, pp. 54-64 (2000)	
CC		Junior P., et al., "Hard Decision Decoding of the (23,12,7) Golay Code," <i>George Washington Univ., School of Eng. And Appl Sci.</i> , (5/1994)	
CD		Lin, S., et al., "Error Control Coding Fundamentals and Applications," Chapt. 5.3-The Golay Code, pp. 134-139 (1983)	
CE		Pless, V., "Introduction to the Theory of Error-Correcting Codes," 3 rd ed., pp. 4, 5, 21-24, 29-32, 35, 86, 96, 99, 101-105, 114, 133, 148, 151, 152, 175, 176 (1998)	
CF		Wiederhold, G., "Database Design" McGraw-Hill Book Company, p. 576 (1977)	

Examiner Signature	<i>[Signature]</i>	Date Considered	1/20/2004
--------------------	--------------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.